

**INFORMATION  
DISCLOSURE  
STATEMENT**

OMB No. 0651-0011

Atty. Docket No.:  
55944USA9A.002

Serial No.: 09/853217

Applicant(s): Douglas E. Weiss, Douglas S. Dunn and Roy G. Schlemmer

Filing Date: May 11, 2001

Group: 1762

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
ET	2,956,904	10/18/1960	Hendricks	428	345	
ET	3,265,604	08/09/1996	Harlan Jr. et al.	522	5	
ET	3,424,638	01/28/1969	Marans	156	275	
ET	3,661,618	05/09/1972	Brookman et al.	427	505	
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ET	4,181,752	01/01/1980	Martens et al.	427	516	11/00
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ET	4,521,445	06/04/1985	Nablo et al.	427	496	
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**FOREIGN PATENT DOCUMENTS**

	Document Number	Date of Publication	Country	Class	SubClass	Translation	
						Yes	No
ET	WO 00/24793	05/04/2000	PCT	—	—		
ET	WO 00/04079	01/27/2000	PCT	—	—		
ET	WO 98/42453	10/01/1998	PCT	—	—		

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

ET	Pulsed e- Beam Irradiation of Polymers-A Comparison of Dose Rate Effects and Let Effects, Published by Elsevier Science Ltd., Vol. 48, No. 5 pp. 555-562, 1996.
ET	Pulse Radiolysis of Vinyl Monomers, In the Pure State and With Added Pyrene, Vol. 47, No. 6, pp. 827-833, 1996.
ET	A linear accelerator as a tool for investigations in to free radical polymerization kinetics and mechanisms by means of pulsed electron beam polymerization, Nuclear Instruments and Methods in Physics Research B 139 (1998) 490-494.
ET	Meskan, D. A., "Developments in Electron Beam Processing: Higher Capacity, Better Performance", pp. 375-378.
ET	Postma, N. B., Weiss, D. E., Kalweit, H. W., Janus, L. R., "Low Voltage Dosimetry", Rad Tech '90-North America Radiation Curing Conference and Exposition Proceedings, Vol. 2, March 25-29, 1990, pp. 329-340.
ET	Joseph E. Wilson "Radiation Chemistry of Monomers, Polymers, and Plastics" pp. 375 New York 1974.

**EXAMINER**

ET soy

**Date Considered**

9/03/03

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OMB No. 0651-0011

<b>INFORMATION DISCLOSURE STATEMENT</b>	Atty. Docket No.: <b>55944USA9A.002</b>	Serial No.: <b>09/853217</b>
	<b>Applicant(s): Douglas E. Weiss, Douglas S. Dunn and Roy G. Schlemmer</b>	
	<b>Filing Date: May 11, 2001</b>	<b>Group:</b>

**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
ET	4,842,893	06/27/1989	Yializis et al.	427	427	RECEIVED
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	Document Number	Date of Publication	Country	Class	SubClass	Translation
						Yes
ET	EP 0 542 201 B1	08/14/1996	EPO	—	—	

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

ET	Harley et al., The Chemistry of Physics and High Energy Reactions, University Press, Washington, D.C., 1969, pp. 389.
ET	Radiation-Induced Polymerization of Methyl Methacrylate and Alkyl Acrylates at High Dose Rate, Journal of Applied Polymer Science, Vol. 36, 295-308 (1988).
ET	Radiation Polymerization for Pressure-Sensitive Adhesives, Chemtech September 1974, pp. 539-543.

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ET soy	9/3/03

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OMB No. 0651-0011

# INFORMATION DISCLOSURE STATEMENT

**Atty. Docket No.: 55944US002**

**Serial No.: 09/853,217**

**Applicant(s): Douglas E. Weiss and Roy G. Schlemmer**

**Filing Date: May 11, 2001**

Group: 1762

## U.S. PATENT DOCUMENTS

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TC1700

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**

Electron-beam initiated polymerization of acrylate compositions 4: effects of pulsed irradiation parameters on curing kinetics, Radiation Physics and Chemistry 62 (2001) pages 47-53.

## **EXAMINER**

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9/3/03

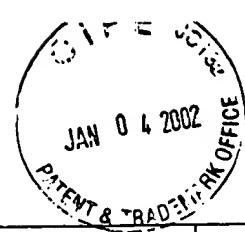
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OMB No. 0651-0011

<b>INFORMATION DISCLOSED STATEMENT</b> <i>MAIL DATE</i> <i>CANCELLATION</i> <i>STATEMENT</i>		Atty. Docket No.: 55944US002		Serial No.: 09/853217			
		Applicant(s): Douglas E. Weiss, Douglas S. Dunn and Roy G. Schlemmer					
		Filing Date: May 11, 2001		Group: 1762			
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
<i>RECEIVED</i> <i>JAN 11 2002</i> <i>TC 1700</i>							
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date of Publication	Country	Class	SubClass	Translation
							Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
<i>ET</i>		Article by G. A. Mesyats, V. N. Chmukh, Ye. A. Karateyeva and V. D. Gerber, "Characteristics of Polymerization of Unsaturated Oligomers Exposed to High Power Pulsed Electron Flows", Russian 1983 (signed to press 26 October 1983) pp. 102-114.					
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STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Page 1 of 1

Application Number	09/853217
Filing Date	May 11, 2001
First Named Inventor	Weiss, Douglas E.
Art Unit	1762
Examiner Name	---
Attorney Case Number	55944US002700

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## U.S. Patent Documents

Exam. Init.*	Cite No.	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Doc. Number-(Kind Code if Known)			
ET	A1	US- 3,535,148	10-20-1970	Ravve	
	A2	US-			
	A3	US-			

## Foreign Patent Documents

Exam. Init.*	Cite No.	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation (Check if yes)
		Ctry. Code	Number-KindCode (If known)				
ET	B1	JP	JP 59-151100	08-29-1984			(English Abstract)
ET	B2	WO	WO 99/52650	10-21-1999			(English Abstract)
ET	B3	WO	WO 00/04055	01-27-2000			
	B4						
	B5						
	B6						
	B7						

## OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Exam. Init.*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
ET	C1	van Herk et al., "Pulsed Electron Beam Polymerization of Styrene in Latex Particles," <u>Macromolecules</u> , Vol. 29, No. 3, (1996), pp. 1027-1030.
ET	C2	Takács et al., "Kinetic Study on the Radiation-Induced Polymerization of HDDA and HDDMA," <u>Nuclear Instruments and Methods in Physics Research, Section - B: Beam Interactions with Materials and Atoms</u> , North-Holland Publishing Company, Amsterdam, NL, Vol. 131, NR. 1-4, (1997), pp. 295-299
ET	C3	Takács et al., "Pulse Radiolysis Studies on the Polymerization of Acrylates and Methacrylates," <u>Radiation Physics and Chemistry</u> , Elsevier Science Publishers BV., Amsterdam, NL., Vol. 47, No. 3, March 1, 1996, pp. 441-444.

\*Examiner:

ETSOY

Date Considered:

9/3/03

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